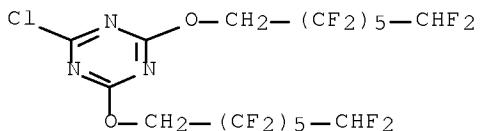


PI JP 38005898 19630514 JP 19600423 <--
 AB C3F7COOPr is treated with monoethanolamine, the resulting C3H7CONHCH2CH2OH is
 aminated, and the resulting C3F7CONHCH2CH2NH2 is condensed with cyanuric
 chloride. The condensed product is dissolved in Me2CO to prepare a 5%
 solution, cotton cloth is soaked therein, pyridine is added, warmed at 40° for
 30 min., and the cloth is heated at 120° for 20 min. to give a water-repellent
 cloth. The use of 1-chloro-3,5-bis(dodecafluoroheptyl)triazine and 1,3-
 dichloro-5-[N-[β-
 pentadecafluoroctanoylamino]ethyl]amino]triazine also gives a similar effect.
 Japan. 5899('63), Appl. May 14, 1960; 3 pp. The use of N-
 (perfluoroctanoyl)ethylenimine, N- [(perfluoroctanoyl)amino]-
 acetyl]ethylenimine, and N-[(1,1,7-trihydrodecafluoroheptyl)-
 carbamoyl]ethylenimine is described.
 IT 4530-83-0, s-Triazine, 2-chloro-4,6-bis[(2,2,3,3,4,4,5,5,6,6,7,7-
 dodecafluoroheptyl)oxy]-
 (for textile water-repellent finishing)
 RN 4530-83-0 HCPLUS
 CN 1,3,5-Triazine, 2-chloro-4,6-bis[(2,2,3,3,4,4,5,5,6,6,7,7-
 dodecafluoroheptyl)oxy]- (CA INDEX NAME)



=> => fil reg

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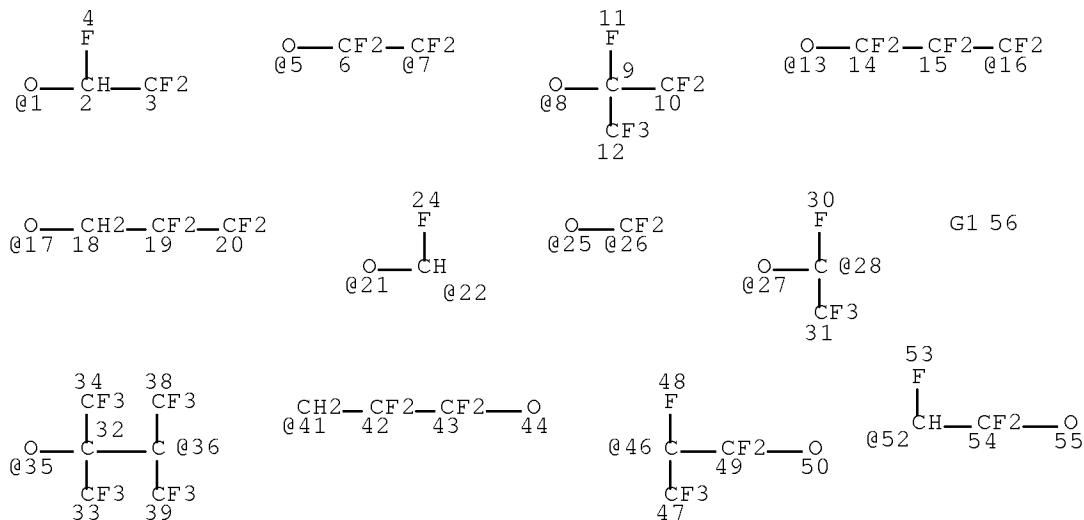
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=> d sta que 138

L31

STR



VAR G1=1/5/8/13/17/21/25/27/35/52/7/46/16/41/22/26/28/36

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS UNLIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 50

STEREO ATTRIBUTES: NONE

L32 SCR 1838 AND 1992 AND 1968

L34 472239 SEA FILE=REGISTRY SSS FUL L31 AND L32

L38 22122 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L34 AND 1/NR

=> d his

(FILE 'HOME' ENTERED AT 07:15:38 ON 16 SEP 2009)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 07:15:56 ON 16 SEP 2009

| | | |
|----|-----|---|
| L1 | 1 | S US20070179263/PN OR (US2006-591860 OR WO2005-JP3611 OR JP2004 E KOH/AU |
| L2 | 1 | S E3 E KOH M/AU |
| L3 | 146 | S E3-E13,E32 |
| L4 | 6 | S E86 E MEITEN/AU E MIYATA/AU E MIYATA M/AU |
| L5 | 106 | S E3,E4,E11 |
| L6 | 16 | S E85 E MAMORU/AU |
| L7 | 4 | S E3,E20 E ARAKI/AU |
| L8 | 5 | S E3 E ARAKI T/AU |
| L9 | 511 | S E3,E39 |

E TAKAYUKI/AU
 L10 5 S E3,E4
 E DAIKIN/CO
 L11 7209 S E4-E58/CO,PA,CS
 E E34+ALL
 L12 7192 S E2+RT OR E2-E20/PA,CS
 L13 1 S L1 AND L2-L12
 L14 1353 S L1-L12 AND (FLUOROPOLYMER?/CW,CT OR POLYETHER?/CW,CT (L) (FLU
 L15 5 S L14 AND IONIC LIQUID?/CT,IT,BI,OBI
 E IONIC LIQUID/CT
 E E4+ALL
 L16 10997 S E8
 L17 1068 S E13,E14/BI
 L18 5 S L14 AND L16,L17
 L19 5 S L15,L18
 SEL RN

FILE 'REGISTRY' ENTERED AT 07:22:16 ON 16 SEP 2009

L20 146 S E1-E146
 L21 87 S L20 AND (O AND F)/ELS
 L22 59 S L21 AND N/ELS
 L23 55 S L22 AND NR>=1
 L24 23 S L23 AND 1/NC
 L25 20 S L24 NOT (C12H17F4N3O2 OR C19H22F4N2O4 OR C9H8F4N4O2)
 L26 32 S L23 NOT L24
 L27 2 S L26 AND OC3/ES
 L28 32 S L21 NOT L23

FILE 'HCAPLUS' ENTERED AT 07:28:01 ON 16 SEP 2009

L29 1 S L20 AND L1
 SEL RN

FILE 'REGISTRY' ENTERED AT 07:28:17 ON 16 SEP 2009

L30 31 S E147-E177
 L31 STR
 L32 SCR 1838 AND 1992 AND 1968
 L33 50 S L31 AND L32
 L34 472239 S L31 AND L32 FUL
 L35 42 S L20,L30 AND L34
 L36 STR L31
 L37 50 S L36 SAM SUB=L34
 L38 22122 S L34 AND 1/NR
 L39 50 S L36 SAM SUB=L38
 L40 39 S L35 AND L38
 L41 3 S L35 NOT L40
 L42 22083 S L38 NOT L40

FILE 'HCAPLUS' ENTERED AT 07:46:14 ON 16 SEP 2009

L43 10 S L35
 L44 6229 S L42
 L45 3 S L43 AND L16,L17
 L46 3 S L43 AND (C10M OR C10N)/IPC,IC,ICM,ICS,EPC
 L47 5 S L43 AND L1-L14,L19
 L48 10 S L43,L45-L47
 L49 2 S L48 AND (LUBRIC? OR FUEL?)/SC,SX,CW,CT,IT,BI,OBI
 L50 10 S L48,L49
 SEL RN

FILE 'REGISTRY' ENTERED AT 07:48:55 ON 16 SEP 2009

L51 222 S E178-E399

L52 8 S L51 AND L34 NOT L35

FILE 'HCAPLUS' ENTERED AT 07:49:44 ON 16 SEP 2009

L53 15 S L52

L54 19 S L50, L53

L55 9 S L54 NOT L50
SEL RN

FILE 'REGISTRY' ENTERED AT 07:50:03 ON 16 SEP 2009

L56 275 S E400-E674

L57 15 S L56 AND L34 NOT L35, L52

FILE 'HCAPLUS' ENTERED AT 07:51:21 ON 16 SEP 2009

L58 8 S L57

L59 22 S L58, L54

L60 3 S L59 NOT L54
SEL RN

FILE 'REGISTRY' ENTERED AT 07:51:39 ON 16 SEP 2009

L61 48 S E675-E722

L62 11 S L61 AND L34 NOT L35, L52, L57

L63 9 S L62 NOT (C8F4N2O2 OR C9H6N2O2)

FILE 'HCAPLUS' ENTERED AT 07:52:48 ON 16 SEP 2009

L64 3 S L63

L65 23 S L59, L64

L66 1 S L65 NOT L59
SEL RN

FILE 'REGISTRY' ENTERED AT 07:53:08 ON 16 SEP 2009

L67 12 S E723-E734

L68 0 S L67 AND L34 NOT L35, L52, L57, L63

FILE 'HCAPLUS' ENTERED AT 07:54:16 ON 16 SEP 2009

L69 14 S L65 AND PY<=2006 NOT P/DT

L70 8 S L65 AND (PD<=20060906 OR PRD<=20060906 OR AD<=20060906) NOT L

L71 22 S L69, L70

L72 1 S L65 NOT L71

L73 23 S L71, L72

L74 19 S L44 AND L73

L75 23 S L73, L74
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 07:55:53 ON 16 SEP 2009

L76 76 S E735-E810

L77 34 S L76 NOT L35

L78 32 S L77 NOT (C9H6N2O2 OR C8F4N2O2)

L79 74 S L35, L78

FILE 'HCAPLUS' ENTERED AT 07:57:38 ON 16 SEP 2009

L80 23 S L79

L81 14 S L80 AND PY<=2006 NOT P/DT

L82 8 S L80 AND (PD<=20060906 OR PRD<=20060906 OR AD<=20060906) NOT L

L83 22 S L81, L82

L84 23 S L80, L83

L85 4 S L84 AND (C10M OR C10N)/IPC, IC, ICM, ICS, EPC

L86 3 S L84 AND IONIC LIQUID

L87 3 S L84 AND L16, L17

L88 5 S L84 AND L1-L14, L19

L89 4 S L84 AND (LUBRIC? OR FUEL?)/SC, SX, CW, CT, IT, BI, OBI

L90 23 S L84-L89
 L91 6210 S L44 NOT L90
 L92 41 S L91 AND (IONIC LIQUID OR L16,L17)
 L93 112 S L91 AND (C10M OR C10N)/IPC,IC,ICM,ICS,EPC
 L94 183 S L91 AND (LUBRIC? OR FUEL?)/SC,SX,CW,CT,IT,BI,OBI
 L95 45 S L91 AND L1-L14,L19
 L96 6 S L92 AND L93-L95
 L97 5 S L92,L96 AND PY<=2006 NOT P/DT
 L98 20 S L92,L96 AND (PD<=20060906 OR PRD<=20060906 OR AD<=20060906) N
 L99 25 S L97,L98
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 08:01:51 ON 16 SEP 2009
 L100 44 S E811-E854

FILE 'HCAPLUS' ENTERED AT 08:05:37 ON 16 SEP 2009
 L101 45 S L95 NOT L99
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 08:07:23 ON 16 SEP 2009
 L102 97 S E855-E951
 L103 97 S L102 NOT L35,L52,L57,L63,L67
 L104 31 S L103 AND (C14H10F11N02 OR C16H9F13N206 OR C14H9CLF11N02 OR C1
 L105 35 S L103 AND (C16H9F13N205 OR C15H6F17N06S OR C3F6O OR C16H14F11N
 L106 7 S L103 AND (C15H12F11N02 OR C16H11F13N205)
 L107 49 S L104-L106
 L108 43 S L107 NOT 46.492.1/RID
 L109 2 S L108 AND C3F6O AND NC5/ES
 L110 41 S L108 NOT L109

FILE 'HCAPLUS' ENTERED AT 08:28:10 ON 16 SEP 2009
 L111 18 S L110
 L112 12 S L111 AND L1-L14,L19
 L113 0 S L111 AND IONIC LIQUID
 L114 0 S L111 AND L16,L17
 L115 1 S L111 AND (C10M OR C10N)/IPC,IC,ICM,ICS,EPC
 L116 1 S L111 AND (FUEL? OR LUBRIC?)/SC,SX,CW,CT,IT,BI,OBI
 L117 6 S L111-L116 AND PY<=2006 NOT P/DT
 L118 12 S L111-L116 AND (PD<=20060906 OR PRD<=20060906 OR AD<=20060906)
 L119 18 S L117,L118

FILE 'REGISTRY' ENTERED AT 08:30:39 ON 16 SEP 2009

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